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Thomas et al.

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(54) **LED LIGHT FIXTURE**

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This patent is subject to a terminal disclaimer.

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F21K 9/50 (2013.01); **F21V 15/01** (2013.01);
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See application file for complete search history.

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(57)

ABSTRACT

An LED light fixture is provided and includes a housing with a circular main body portion with a rear wall. A plurality of fins integrally extends from an outer surface of the rear wall of the main body portion. A spindle with an internal bore integrally extends from the outer surface of the rear wall of the main body portion wherein the spindle is positioned among the fins. A light engine assembly is positioned within the main body portion and includes a plurality of LED light modules mounted to a printed circuit board. Each module comprises a LED and a lens extending from the printed circuit board, wherein the printed circuit board resides against an inner surface of the rear wall. An external enclosure configured to enclose power management components is connected to a rear portion of the housing proximate the fins. The enclosure includes a housing wall arrangement and leads that extend through both an opening in the housing wall and the internal bore of the spindle, past the rear wall of the main body portion and to the printed circuit board.

22 Claims, 13 Drawing Sheets

